## **ABSTRACT**

## A DEVICE AND A METHOD FOR USE IN A MOBILE TELEPHONE DEVICE FOR PROCESSING LOCATION DATA BY DETECTING GEOLOCATION PARAMETERS OF AN AREA OR AREAS OF A NETWORK

A location data processing device (D) for a mobile telephone device (UE) which can move in geographical areas of a communication network defined by sets of location parameters. the processing device includes processing means adapted i) to determine the geographical area in which the mobile telephone device (UE) is located at predetermined times, and then to store temporarily a set of location parameters representative of said detected geographical area, and ii) to analyze the sets of location parameters stored at chosen intervals, in order to store each set of location parameters satisfying at least one chosen criterion.

(Figure 1)